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STATEMENT BY APPLICANT**

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Application Number	10/616,698
Filing Date	7/9/2003
First Named Inventor	Collens
Group Art Unit	2136
Examiner Name	Baum, R.
Attorney Docket Number	217.1010.01

Sheet 1 of 4

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	1	4,992,940		Dworkin	02-12-1991	
	2	5,337,357		Chou et al.	08-09-1994	
	3	5,410,415		Parulski et al.	04-25-1995	
	4	5,724,327		Timmermans et al.	03-03-1999	
	5	5,765,176		Bloomberg	06-09-1998	
	6	5,805,799		Fredrickson et al.	09-08-1998	
	7	5,896,454		Cookson et al.	04-20-1999	
	8	5,946,665		Suzuki et al.	08-31-1999	
	9	6,009,525		Horstmann	12-28-1999	
	10	6,182,069		Niblack et al.	01-30-2001	
	11	6,192,139		Tao	02-20-2001	
	12	6,209,092		Linnartz	03-27-2003	
	13	6,260,024		Shkedy	07-10-2001	
	14	6,349,143		Hastings et al.	02-19-2002	
	15	6,368,910		Rajaraman et al.	04-02-2002	
	16	6,463,426		Lipson et al.	10-08-2002	
	17	6,463,431		Schmitt	10-08-2002	
	18	6,625,581		Perkowski	09-23-2003	
	19	6,629,097		Koth	09-30-2003	
	20	6,842,939		Vallone et al.	11-04-2003	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ³				
	1	WO	01/37479	Fujitsu Limited	05-25-2001		
	2	WO	02/073378	Bel et al.	09-19-2002		
	3	WO	02/075591	Chevallier et al.	09-26-2002		
	4	WO	2004/006168	Watson et al.	01-15-2004		
	5	WO	2004/006494	Collens et al.	01-15-2004		
	6	WO	2004/006559	Malcolm et al.	01-15-2004		
	7	WO	2004/062945	Neely et al.	07-29-2004		
	8	WO	2004/064293	Rechsteiner et al.	07-29-2004		
	9	WO	2004/070585	Watson	08-19-2004		
	10	WO	2004/070998	Watson	08-19-2004		

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		Number	Kind Code ² (if known)			
	21	6,701,391		Ayat et al.	03-02-2004	
	22	6,799,224		Dellaconna	09-28-2004	
	23	6,851,082		Corbett	02-01-2005	
	24	6,889,302		Gibble et al.	05-03-2005	
	25	6,889,383		Jarman	05-03-2005	
	26	6,957,232		Noeye et al.	10-18-2005	
	27	6,971,013		Milcak et al.	11-29-2005	
	28	7,003,131		Watson et al.	02-21-2006	
	29	7,032,093		Cameron	04-18-2006	
	30	7,032,177		Novak et al.	04-18-2006	
	31	7,036,024		Watson	04-25-2006	
	32	7,099,491		Takaku	07-29-2008	
	33	7,111,171		Collens et al.	09-19-2006	
	34	7,181,044		Watson et al.	02-20-2007	
	35	7,188,248		Watson	03-06-2007	
	36	7,231,607		Neely et al.	06-12-2007	
	37	7,246,322		Neely et al.	07-17-2007	
	38	7,257,732		Zarnke et al.	06-14-2007	
	39	2001/0037465	A1	Hart et al.	11-21-2001	
	40	2001/0051996	A1	Cooper et al.	12-13-2001	

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ³					
	11	WO	2005/009054		Kesteloot et al.	01-27-2005		
	12	WO	2005/076375		Zarnke et al.	09-01-2005		
	13	WO	2005/086985		Malcolm et al.	09-22-2005		
	14	WO	2006/025833		Kesteloot et al.	03-09-2006		
	15	WO	2006/055938	A2	Watson	05-26-2006		
	16	WO	2007/149405	A2	Kesteloot et al.	12-27-2007		
	17	WO	2008/005174	A2	Rechsteiner et al.	01-10-2008		
	18	EP	1 199 647	A2	Holt et al.	04-24-2002		
	19	FR	2 750 554	A1	Arnaldo et al.	01-02-1998		
	20	FR	2 786 973	A1	Francois et al.	06-09-2000		

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		Number	Kind Code ² (if known)			
	41	2002/0059238	A1	Salto	05-16-2002	
	42	2002/0087876	A1	Larose	07-04-2002	
	43	2002/0095582	A1	Peled	7-18-2002	
	44	2002/0118299	A1	Kahn	08-29-2002	
	45	2002/0150277	A1	Nishimoto et al.	10-17-2002	
	46	2002/0172394	A1	Yerkalesan et al.	11-21-2002	
	47	2002/0174021	A1	Chen et al.	11-21-2002	
	48	2002/0178077	A1	Katz et al.	11-28-2002	
	49	2002/0196976	A1	Mihcak et al.	12-26-2002	
	50	2003/0005295	A1	Girard	06-29-2001	
	51	2003/0014751	A1	Paek	01-16-2003	
	52	2003/0030752	A1	Begeja	02-13-2003	
	53	2003/0081857	A1	Tapson	05-01-2003	
	54	2003/0107676	A1	Jang	06-12-2003	
	55	2003/0126599	A1	Novak et al.	07-03-2003	
	56	2003/0139971	A1	Rescigno et al.	07-24-2003	
	57	2003/0163430	A1	Takaky	08-28-2003	
	58	2003/0163466	A1	Rajaman et al.	08-28-2003	
	59	2003/0182297	A1	Murakami et al.	09-25-2003	
	60	2003/0191738	A1	Hoeye et al.	10-09-2003	

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Date	07/02/2009
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		Number	Kind Code ² (if known)			
	61	2004/0008864	A1	Watson et al.	01-15-2004	
	62	2004/0010694	A1	Collens et al.	01-15-2004	
	63	2004/0114049	A1	Arora	06-17-2004	
	64	2004/0136698	A1	Mock	07-15-2004	
	65	2004/0139064	A1	Chevallier et al.	07-15-2004	
	66	2004/0166484	A1	Budke	08-26-2004	
	67	2004/0166915	A1	Rodarge	08-26-2004	
	68	2004/0169683	A1	Chiu et al.	09-02-2004	
	69	2005/0004873	A1	Pou et al.	01-06-2005	
	70	2005/0050103	A1	Kesteloot et al.	03-03-2005	
	71	2005/0086069	A1	Watson et al.	04-21-2005	
	72	2005/0125405	A1	Watson	06-09-2005	
	73	2005/0120053	A1	Watson	06-02-2005	
	74	2005/0201726	A1	Malcolm et al.	09-15-2005	
	75	2007/0106901	A1	Collens et al.	05-10-2007	
	76	2007/0118812	A1	Kesteloot et al.	05-24-2007	
	77	2007/0240234	A1	Watson	10-11-2007	
	78	2007/0283276	A1	Neely et al.	12-06-2007	
	79	2007/0294297	A1	Kesteloot et al.	12-20-2007	

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Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.

T²

1 DITTMAN, "Combining Digital Watermarks and Collusion Secure Fingerprints for Customer Copy Monitoring," Secure Images and Image Authentication, The Institution of Electrical Engineers, 2000, IEE London.

2 FRIDRICH, "Copyright Protection of Digital Images (Authentication)," 2/18/2003,
<http://www.ws.binghamton.edu/fridrich/Research/tutor2.ppt>

3 REY ET AL, "A Survey of Watermarking Algorithms for Image Authentication," EURASIP Journal on Applied Processing, 2002, Hindawi Publishing Corporation.

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